



09/724,869

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LAW OFFICES OF JONATHAN ALAN QUINE

By

Chiant Apping

Attorney Docket No. 02-030310US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Juha Punnonen, et al.

Application No.: 09/724,869

Filed: November 28, 2000

For: OPTIMIZATION OF
IMMUNOMODULATORY PROPERTIES
OF GENETIC VACCINES

Examiner: Unassigned

Art Unit: 1645

AMENDMENT

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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the specification as follows:

IN THE SPECIFICATION

Please insert the following paragraph on page 1, line 7:

--COPYRIGHT NOTIFICATION

Pursuant to 37 C.F.R. 1.71(e), Applicants note that a portion of this disclosure contains material which is subject to copyright protection. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or patent disclosure, as it appears in the Patent and Trademark Office patent file or records, but otherwise reserves all copyright rights whatsoever.--

REMARKS

The above amendment introduces no new matter.

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Attorney Docket No. 0155.130US

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows. Amendments to the specification are shown in **bold underlining**.

Please replace the paragraph beginning on page 7, line 14 with the following amended paragraph:

Figure 14 presents an alignment of the nucleotide sequences for human (**SEQ ID NO:1**) and mouse (**SEQ ID NO:2**) IL-10 receptor sequences.

Please replace the paragraph beginning on page 7, line 16 with the following amended paragraph:

Figure 15 shows an alignment of the nucleotide sequences of B7-1 (CD80) genes from human (**SEQ ID NO:3**), rhesus monkey (**SEQ ID NO:4**), and rabbit (**SEQ ID NO:5**).

Please replace the paragraph beginning on page 70, line ¹⁹16 with the following amended paragraph:

The HBsAg polypeptide (PreS2 plus S regions) was truncated by the introduction of a stop codon at amino acid position 103 (counting from the beginning of the PreS2 initiator methionine), transforming a cysteine codon TGT into the Stop codon TGA. The amino acid sequence of the truncated protein was therefore:

MQWNSTTFHQTLQDPRVRGLYFPAGGSSSGTVNPVLT**TASPLSSIFS****RIGDPA****LNMENTSGF**
LGPLLVLQAGFLLTRILTI**POS****LD****SWW****TS****LN****FLGGTTV*** (**SEQ ID NO:6**)

where the standard single-letter code for amino acids is used. The methionine residues at the start of the PreS2 and S regions are underlined, and the mouse L^d-restricted CTL epitope is double-underlined; the asterisk (*) represents the artificially introduced Stop codon.

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1-5, at the end of the application.